

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A rigid, cycle seat clamping assembly configured to attach a seat to a cycle, comprising:

a first structural link having an upper end, a lower end, and a cycle seat post for attachment to the cycle at one end using the lower end;

a second structural link having a first end, a second end, and a cycle seat clamping structure, wherein the first end of the second structural link is connected to the upper end of the first structural link;

a third structural support link configured for providing support between said first structural link and the second structural link and having a first pivot connection end and an second pivot connection end for providing support between said first structural link and said second structural link, each of said the three links being attached to each other in a triangular truss configuration having three pivotable axes, said wherein the attachment between second structural link and third structural support links uses the second pivot connection end and second end of the second structural link being proximally located to said seat clamping structure, and the attachment between the support link and the first structural link uses the lower end of the first structural link and the first pivot connection end.

2. (previously presented) The seat clamping assembly of claim 1 further comprising angular position adjustment means for adjusting angular position of said seat.

3. (previously presented) The seat clamping assembly of claim 1 further comprising horizontal position adjustment means for adjusting horizontal position of said seat.

4. (withdrawn) The seat clamping assembly of claim 1 further comprising horizontal offset adjustment means for adjusting horizontal offset of said seat clamping assembly.

5. (currently amended) An adjustable, rigid, cycle seat clamping assembly configured to attach a seat to a cycle, comprising:
- a first structural link having a cycle seat post for attachment to the cycle at one end;
 - a second structural link pivotably attached to the first structural link and having a cycle seat clamping structure;
 - a third structural link pivotably attached to the second structural link and pivotably attached to the first structural link, the attachment between the second structural link and the third structural link being proximally located to the seat clamping structure, wherein each of the three attachments are arranged in a triangular configuration having three pivotable axes.~~A rigid, cycle seat clamping assembly configured to attach a seat to a cycle comprising~~
- ~~a structural quill link having a cycle seat post for attachment to the cycle at one end, a structural clamp link for attachment of the seat, and a structural support link for providing support between said quill link and said clamp link, each of the links having means for attachment to each other in a triangular truss configuration having three pivotable axes.~~
6. (previously presented) The seat clamping assembly of claim 5 further comprising angular position adjustment means for adjusting angular position of said seat.
7. (previously presented) The seat clamping assembly of claim 6 wherein said angular position adjustment means alters distance between at least two of said three pivotable axes.
8. (previously presented) The seat clamping assembly of claim 6 wherein said angular position adjustment means comprises the quill link for changing the angular position of said seat.
9. (withdrawn) The seat clamping assembly of claim 6 wherein said angular position adjustment means comprises the clamp link for changing the angular position of said seat.
10. (withdrawn) The seat clamping assembly of claim 6 wherein said angular position adjustment means comprises the support link for changing the angular position of said seat.

11. (previously presented) The seat clamping assembly of claim 5 further comprising a horizontal position adjustment means for adjusting horizontal position of said seat.
12. (withdrawn) The seat clamping assembly of claim 5 further comprising horizontal offset adjustment means for adjusting horizontal offset of said seat clamping assembly.
13. (currently amended) A method for attaching a cycle seat to a cycle comprising the steps of:
 - providing a structural three-link truss support structure having three pivotable axes;
 - providing a seat post as a portion of a first of said three links;
 - attaching said seat post to said cycle, and attaching a second of said three links to said seat and at least one end of a third link being proximally located to a seat clamping structure for the seat.
14. (previously presented) The method described in claim 13 further comprising the step of providing angular position adjustment means for adjusting angular position of said seat.
15. (previously presented) The method described in claim 14 wherein the step of providing the angular position adjustment means comprises the step of providing quill link means for providing adjustment of the angular position of said seat.
16. (previously presented) The method described in claim 15 further comprising the step of providing pivot adjustment collar means for providing adjustment of the angular position of said seat.
17. (withdrawn) The method described in claim 14 wherein the step of providing the angular position adjustment means comprises the step of providing clamp link means for providing adjustment of the angular position of said seat.

18. (withdrawn) The method described in claim 17 wherein the step of providing the clamp link means comprises the step of providing means for providing adjustment of the angular position of said seat by clamping at least one seat rail in different locations.
19. (withdrawn) The method described in claim 14 wherein the step of providing the angular position adjustment means comprises the step of providing a support link means for providing adjustment of the angular position of said seat.
20. (withdrawn) The method described in claim 13 further comprising the step of providing for adjustment of a horizontal offset of said support structure.
21. (new) The seat clamping assembly of claim 5, wherein each of the three links are attached together so as to resist rotation around longitudinal axes of each of the three links.